

# MULTIPROCESSOR SYSTEM

4I

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**Inventor:** UEDA KENICHI; SUGANO ATSUSHI; HONDA KUNIO;  
OKAMURA YOSHIKI  
**Applicant:** MATSUSHITA ELECTRIC IND CO LTD  
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## Abstract of JP60173654

**PURPOSE:**To allow a faulty processor to communicate for diagnostic/test processing by providing a table on which two kinds of logical processor numbers are given to each processor executing data processing even if the data processing executed by the faulty processor is performed by a substituted processor. **CONSTITUTION:**A table 12 storing logical processor number and a physical processor number corresponding to processors 11-1n is provided in a system control processor 2. Then the logical processor number of each processor at diagnosis/test and data processing and the physical processor number corresponding to them are given to the table 12. If a fault takes place in a processor 11, a spare processor 1n+1 as a spare executes data processing as a substituted processor and the system control processor 2 conducts diagnosis and test to the processor 11.

